

Massachusetts Institute of Technology
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Cambridge, Massachusetts

LUMINARY MEMO # 114

TO: Distribution
FROM: Russell A. Larson *R#1*
DATE: October 7, 1969
SUBJECT: Proposed contents of Luminary 1C

The present release date for Luminary 1C is 5 November, 1969 which will meet the Apollo 13 launch date of 3-12-70. The proposed changes to Luminary 1B (Luminary 116) for this rope are:

PCR's

1. 863.2 Make P76 set NODO flag
2. 882 Replace V Horizontal with something better (V FORWARD)
3. 936 Initialize V90 time to TIG
4. 895 LR reposition by V59E in P63
5. 285 Remove check for auto throttle
6. 893 Abort targetting flagbit
7. LPD bias
8. 806.2 Allow N07 to address output channels

ANOMALIES

- L-1B-01 Erroneous 530 alarm in P22
- L-1B-02 R29 will not achieve RR lock
- L-1B-03 Quantity COEFFER discrepancy
- L-1B-04 RR MODE SW disables X-pointer
- L-1B-05 R60 MODE II needles display
- L-1B-06 LR read error after restart

We have received oral go ahead on all PCR's. LPD bias is being handled by R. Covelli. 285-remove check for auto throttle was just received today.

Anomaly L-13-06 is in the process of being written. Hear there are three more on the way from Houston.

Luminary 1C was to be a "no change" program.